



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : AMMONIUM PURPURATE LR**  
(Murexide)

<b>CAS No</b>	<b>: 3051-09-0</b>	<b>Product code</b>	<b>: 12230</b>
<b>Mol. Formula</b>	<b>: C<sub>8</sub>H<sub>8</sub>N<sub>6</sub>O<sub>6</sub></b>	<b>Batch No</b>	<b>: MCR-22675</b>
<b>Mol. WT</b>	<b>: 284.19</b>	<b>Mfd.</b>	<b>: Jan. 2021</b>
<b>Date of analysis</b>	<b>: 11/01/21</b>	<b>Exp.</b>	<b>: Dec. 2025</b>

S. R	Test	Specification	Observation
1	<b>Description</b>	Maroon or Reddish brown powder.	Maroon powder.
2	<b>Absorption maxima (water)</b>	520 – 524 nm	523 nm
3	<b>Specific absorptivity A1%/ 1cm (λ max ; 0.01g/L; water )</b>	300 min.	449.10
4	<b>Sensitivity</b>	Passes test	Passes test
5	<b>Ash</b>	1% max	0.40%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**HEAD-QUALITY ASSUARANCE**  
(G.G.Salian)

**Note:** Computer generated image requires no sign.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**  
**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**  
**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,**  
**Kulgaon, Badlapur (E), Dist.-Thane-421 503**